See paragraphs 1 and 4 below

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

MARSHALL O'TOOLE GERSTEIN MURRAY & BORUN Attn. CLOUGH, David W. 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606 UNITED STATES OF AMERICA

PCT

RECTIFICATION OF TRANSMITTAL OF OR THE DECLARATION

MAY 2 8 2002

(PCT Rule 44.1)

MARSHALL GERSTEIN

Date of mailing (day/month/year)

17/05/2002

Applicant's or agent's file reference

01017/36667/PCT

International application No.

PCT/US 00/23110

FOR FURTHER ACTION

International filing date (day/month/year)

23/08/2000

THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND DUCKETED: 7/17/02

1.				olified that the International Search Report has been established and is transmitted herewith.			
,	Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):						
	When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.						
		Where?	Directly to the	International Bureau of WIPO 34, chemin des Colombettés 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35			
		For mor	e detailed instr	uctions, see the notes on the accompanying sheet.			
2.		The app Article 1	licant is hereby r 7(2)(a) to that af	notified that no International Search Report will be established and that the declaration under fect is transmitted herewith.			
3.				est against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:			
		☐ the ap	e protest togethe plicant's request	r with the decision thereon has been transmitted to the International Bureau together with the to forward the texts of both the protest and the decision thereon to the designated Offices.			
		no	decision has be	en made yet on the protest; the applicant will be notified as soon as a decision is made.			
4.		ther actio		olicant is reminded of the following:			
	lf I pr cc	the applic iority clair impletion	ant wishes to av n, must reach th of the technical (the priority date, the international application will be published by the International Bureau. old or postpone publication, a notice of withdrawal of the international application, or of the e International Bureau as provided in Rules 90 <i>bis</i> .1 and 90 <i>bis</i> .3, respectively, before the preparations for international publication.			
	Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).						
Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.							

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2

NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

_ Fax: (+31-70) 340-3016

Authorized officer

Joëlle Gerber

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the International application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

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When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, it the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new:

Jul. 8, 2002

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- (iv) the claim replaces one or more claims as filed;
- the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: Claims 1 to 15 replaced by amended claims 1 to 11.
- 3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims):
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims unchanged." "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 10 and 21 added." claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1).

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international prellminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PCT

INTERNATIONAL SEARCH REPORT

	(PCT Article 18 and Rules 43 and 44)	
oplicant's or agent's file reference	FOR FURTHER see Notification of	Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
1017/36667/PCT	ACTION	(Earliest) Priority Date (day/month/year)
ernational application No.	International filing date (day/month/year)	
CT/US 00/23110	23/08/2000	23/08/1999
oplicant		
	THE SPICATIONAL FUND	
HE ADMINISTRATORS OF T	HE TULANE EDUCATIONAL FUND	
according to Article 15.7 559)	been prepared by this International Searching Auting transmitted to the International Bureau.	
This International Search Report con-	sists of a total of	s report.
Basis of the report With regard to the language which it was file.	, the international search was carried out on the bad, unless otherwise indicated under this item.	asis of the international application in the
C No. interpational 588	irch was carried out on the basis of a translation of	the international application furnished to this
b. With regard to any nucleoti was carried out on the basis	de and/or amino acid sequence disclosed in the s of the sequence listing:	international application, the international search
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filed together with the	ne international application in computer readable in	onn-
6 michael subsecute	ently to this Authority in written form.	
		a deep not go beyond the disclosure in the
" " a statement that "	the subsequently furnished written sequence lister	g duas not go sey
the statement that furnished	the information recorded in computer readable for	m is identical to the written sequence listing has been
2. X Certain claims we	ere tound unsearchable (See Box I).	
2. X Certain Claims W. 3. X Unity of Invention	n is lacking (see Box II).	
4. With regard to the title,		
The text is approve	ed as submitted by the applicant.	
the text has been	established by this Authority to read as follows:	
5. With regard to the abstract,	a de de consissant	
the text is approved the text has been within one month	red as submitted by the applicant. n established, according to Rule 38.2(b), by this At a room the date of mailing of this international search.	uthority as it appears in Box III. The applicant may, ch report, submit comments to this Authority.
6. The figure of the drawings t	o be published with the abstract is Figure No.	X None of the figures.
as suggested by	the applicant.	111111111111111111111111111111111111111
hecause the app	olicant falled to suggest a figure.	
herause this fig	ure better characterizes the invention.	

International application No.

PCT/US 00/23110

INTERNATIONAL SEARCH REPORT

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Agents selected from the group comprising adrenergic agonists, adrenergic antagonists, neurotransmitters, cytokines, amino acids, opiate peptides, purinergic agonists, glutaminergic agonists, more particularly consisting of epinephrine, isoproterenol, arterenol, cirazoline, yohimbine, phentolamine, prasozin, benoxathian, TNF-a, tyrosine, adenosine and glutamate are used alone or in combination with leptins for modulating the transport of leptin across the blood-brain barrier, modulating body weight in mammal and for modulating appetite in a mammal.

Form PCT/ISA/210 (continuation of first sheet (2)) (July 1998)



International PCT/US 00/23110

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INTERNATIONAL SEARCH REPORT	4 of first sheet)						
INTERNATIONAL TO THE PROPERTY OF THE PROPERTY	uation of item 1 of first shoot						
deims were found unsearchable (Outline)							
Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet) This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
Box I Observations the second of certain claims under	Article 17(2)(a) 10° -						
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This International Search Report No.							
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FURTHER INFORMATION SHEET							
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	14-5						
Claims Nos.: because they are dependent claims and are not drafted in accordance with the	second and third sentences of Rule 6.4(a).						
and are not drafted in accordance with the	g gecond 2.4						
3. Claims Nos							
noinetine (of item 2 of first sheet)						
Box II Observations where unity of invention is lacking (Continuation of the continuation of the continuat							
Box II Observations where unity of inventions in this international ap This International Searching Authority found multiple inventions in this international ap	nlication, as follows:						
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husbe applicant.	Consequently, this Internation						
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A. No required additional search fees were timely paid by the applicant. Of the claims it is covered by restricted to the invention first mentioned in the claims; it is covered by the covered by restricted to the invention first mentioned in the claims; it is covered by the c	61.72-76 (partially)						
11 16 22-27 33-34,40,41,44-46,55-35,	·-·						
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1	search fees were accompanied by the applicant's protest.						
The additional S	search fees were accompanied by the						
I've addition	expense of additional search fees.						
Remark on Protest	ompanied the payment of additional search fees.						
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. (4\\ / hilly 1990)							

International Application No. PCT/US 00/23110

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-5,11-16,23-27,33-34,40,41,44-46,55-59,61, 72-76 (PARTIALLY)

Use and composition comprising epinephrine for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

2. Claims: 1-5,11-16,23-27,33-34,40,41,44-46,55-59,61, 72-76 (PARTIALLY)

Use and composition comprising isoproterenol for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

3. Claims: 1-5,11-16,23-27,33-34,40,41,44-46,55-59,61, 72-76 (PARTIALLY)

Use and composition comprising arterenol for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

4. Claims: 1-5,11-16,23-27,33-34,40,41,44-46,55-59,61, 72-76 (PARTIALLY)

Use and composition comprising cirazoline for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

5. Claims: 1-4,6,11-15,17,19,20,23-26,28,33,35,40,42,43,45, 55-57,59,60,72-76 (partially)

Use and composition comprising yohimbine for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

6. Claims: 1-4,6,11-15,17,19,20,23-26,28,33,35,40,42,43,45, 55-57,59,60,72-76 (partially)

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Use and composition comprising phentolamine for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

7. Claims: 1-4,6,11-15,17,19,20,23-26,28,33,35,40,42,43,45, 55-57,59,60,72-76 (partially)

Use and composition comprising prasozin for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

8. Claims: 1-4,6,11-15,17,19,20,23-26,28,33,35,40,42,43,45, 55-57,59,60,72-76 (partially)

Use and composition comprising benoxathian for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal. TNF-a, tyrosine, adenosine and glutamate.

9. Claims: 1-4,11-15,19,23-26,33,40,55-57 (partially) 7,18,29, 36,45-47,62-64

> Use and composition comprising TNF-a for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammal.

10. Claims: 1-4,11-15,19,23-26,33,44,55,56,65, 72-76 (partially) 8,17,30,37,48,49,66

> Use and composition comprising tyrosine for modulating the transport of leptin across the blood-brain barrier, modulating body weight in a mammal and for modulating appetite in a mammai.

11. Claims: 1-4,11-15,19,23-26,33,55,56,76 (partially) 9,21,31, 38,51,52,68,69

> Use and composition comprising adenosine for modulating the transport of leptin across the blood-brain barrier,

International Application No. PCT/US 00 /23110

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

modulating body weight in a mammal and for modulating appetite in a mammal.

12. Claims: 1-4,11-15,19,23-26,33,44,55,56,61,65, 76 (partially) 10,22,32,39,53,54,70,71

Use and composition comprising glutamate for modulating the transport of leptin across the blood-brain barrier. modulating body weight in a mammal and for modulating appetite in a mammal.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 50,67

Present claims

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATION SEARCH REPORT

ation No International PCT/US 00/23110

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/137 A61K31/198 A61K31/517 A61K31/475

A61K31/39 A61K31/7076

A61K31/4164 A61K38/19

A61K31/417 A61P3/04

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)

A61K IPC 7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, CHEM ABS Data, MEDLINE, EMBASE, WPI Data

	A SOUCHER TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages US 4 525 359 A (GREENWAY III FRANK L ET AL) 25 June 1985 (1985-96-25)	1,2,5, 11,12, 15,16, 19,23, 24,27, 40-42,
	abstract column 5, line 48; claims 1-16	57-59, 61,74
	- Houseless of box C.	ly members are listed in annex.
°Spe	Further documents are listed in the communation of some state of cited documents: crial categories of cited documents: crial categories of cited documents: criad to unders	published after the international filing date and not in conflict with the application but stand the principle or theory underlying the inticular relevance; the claimed invention is identified in when the document is taken alone.

- "E" earlier document but published on or after the international filling date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or
- document published prior to the International filing date but later than the priority date claimed Date of the actual completion of the international search
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of mailing of the international search report

1 7. 05. 2002

21 December 2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijawijk Tel. (+31-70) 340-2040, Tx. 91 651 epo nl, Fax: (+31-70) 340-3016

Authorized officer

A. Jakobs

Form PCT/ISA/210 (second sheet) (July 1992)

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No. 1159___P. 13/19

INTERNATIONAL SEARCH REPORT

ication No Internations PCT/US 00/23110

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	DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
category Cltat	DOCUMENTS CONSIDERED TO BE RELEVANTALISM of the relevant passages	
	WO 91 00730 A (DAK LAB AS) 24 January 1991 (1991-01-24) abstract	1,2,5, 11,12, 15,16, 19,23, 24,27, 40-42, 44, 57-59, 61,74 1-5, 11-16, 23-27, 33,34, 40,41, 44-46, 55-59, 61,72-76
X	page 3, line 7-22 page 4, line 3 -page 5, line 27 page 6, line 29 -page 8, line 34; example 1-3; tables 3,4 page 37, line 14-19 US 5 422 352 A (ASTRUP ARNE) 6 June 1995 (1995-06-06)	1,2,5, 11,12, 15,16, 19,23, 24,27, 40-42, 44, 57-59, 61,74
X	abstract; figures 5,9 column 5, line 65 -column 12, line 68 DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1986 LEIBOWITZ S F ET AL: "AMPHETAMINE EF ON MEAL PATTERNS AND MACRONUTRIENT SELECTION" Database accession no. PREV198783067 XP002186403 abstract & BRAIN RESEARCH BULLETIN, vol. 17, no. 5, 1986, pages 681-690 ISSN: 0361-9230	11,12, 15,16, 19,23, 24,27, 40-42, 44, 57-59, 61,74
2	cheel (litty 1992)	2 of 5

PCT/US 00/23110

		PC1/05 00/23110
	ion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
	ion) DOCUMENTS CONSIDERED TO DETERMINE THE RELEVANT PASSAGES Citation of document, with indication, where appropriate, of the relevant passages	UP CONTRACTOR OF THE CONTRACTO
X	NEMECZ M ET AL: "ACUTE EFFECT OF LEPTIN ON HEPATIC GLYCOGENOLYSIS AND GLUCONEOGENESIS IN PERFUSED RAT LIVER" HEPATOLOGY, WILLIAMS AND WILKINS, BALTIMORE, MD, US, vol. 29, no. 1, January 1999 (1999-01), pages 166-172, XP001050543 ISSN: 0270-9139	1-5, 11-16, 23-27, 33,34, 40,41, 44-46, 55-59, 61,72-76
X	abstract page 166, column 1, paragraph 1 -column 2, paragraph 3; figure 1B page 171, column 2, paragraph 3 CAO G-Y ET AL: "LEPTIN RECEPTORS ARE LOCATED ON EPINEPHRINE SECRETING CELLS IN THE ADRENAL MEDULLA OF THE RAT" SOCIETY FOR NEUROSCIENCE ABSTRACTS, SOCIETY FOR NEUROSCIENCE, US, vol. 23, no. 1/2, 25 October 1997 (1997-10-25), page 851 XP001034840	1-5, 11-16, 23-27, 33,34, 40,41, 44-46, 55-59, 61,72-76
X	ISSN: 0190-5295 abstract CARULLI L ET AL: "REGULATION OF OB GENE EXPRESSION IN HUMANS:EFFECTS OF ADRENALINE" INTERNATIONAL JOURNAL OF OBESITY, NEWMAN PUBLISHING, LONDON, GB, vol. 22, no. SUPPL 3, August 1998 (1998-08), page S168 XP001050561 ISSN: 0307-0565	1-5, 11-16, 23-27, 33,34, 40,41, 44-46, 55-59, 61,72-76
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From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY RECEIVED WRITTEN OPINION MC MILLIAN, Nabeela R. MARSHALL O'TOOLE GERSTEIN To: JUN 2 5 2002 (PCT Rule 66) MURRAY & BORUN 6300 Sears Tower MARSHALL GERSTEIN 233 South Wacker Drive DOCKETED Chicago, Illinois 60606 ETATS-UNIS D'AMERIQUE 17/06/2002 Date of mailing (day|month|year) within 2 / 00 months/days from the above date of mailing REPLY DUE Applicant's or agent's file reference Priority date (day|month|year) International filing date (day/month/year) 01017/36667/PCT 23/08/1999 International application No. 23/08/2000 International Patent Classification (IPC) or both national classification and IPC A61K38/00 The Administrators of the Tulane Educational Fund Applicant 1. This written opinion is the first drawn up by this International Preliminary Examining Authority. 2. This opinion contains indications relating to the following items: [X Basis of the opinion Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Lack of unity of invention [V Certain documents cited Certain defects in the international application vi [] When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority Certain observations on the international Certain VII see the time limit indicated above. The applicant may, before the expiration of that time limit, request this to grant an extension, see Rule 66.2(d). By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9. 3. The applicant is hereby invited to reply to this opinion. For an additional opportunity to submit amendments, see Rule 66.4. For the examiner's obligation to consider amendments and/or arguments, see Rule 66.6 For an informal communication with the examiner. See Rule 66.6 How? For an informal communication with the examiner, see Rule 66.6. If no reply is filed, the international preliminary examination report will be established on the basis of this opinion. Also The final date by which the international preliminary examination report must be established according to Rule 69.2 is: Authorized officer Name and mailing address of the IPEA Examiner Formalities officer European Patent Office (incl. extension of time limits) Tel. (+49-89) 2399 2828





International application NoPCT/US 00/ 23110

WRITTEN OPINION

Basis of the opinion ١.

The basis of this written opinion is the application as originally filed.

Non-establishment of opinion with regard to novelty, inventive step and industrial 111. applicability

The question of whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable has not been and will not be the subject of the international preliminary examination in respect of the claims which have not been searched (Article 17(2)(a) or (3) and Rule 66.1(e) PCT; see also international search report).

- Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability ٧.
- To the extent that the international preliminary examination has been carried out (see item III above), the following is pointed out: 1.
- In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims, which have been the subject of an international search report, does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international 2. rol, i.e. does not appear to be nover and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).
 - If amendments are filed, the applicant should comply with the requirements of Rule 66.8 PCT and indicate the basis of the amendments in the documents of the application as originally filed (Article 34 (2) (b) PCT) otherwise these amendments may not be taken into consideration for the establishment of the international preliminary examination report. 3. The attention of the applicant is drawn to the fact that if the application contains an unnecessary plurality of independent claims, no examination of any of the claims will be carried out.
 - NB: Should the applicant decide to request detailed substantive examination, then an international preliminary examination report will normally be established directly. Exceptionally the examiner may draw up a second written opinion, should this be explicitly requested.

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